

-17-

MULTI-DISC SERVO TRACK WRITER VIBRATION ISOLATION
METHOD AND APPARATUS

Abstract of the Disclosure

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An actuator assembly and method for orienting a head over a disc within a multi-disc servo-track writer incorporates an actuator block, rotational air bearing, translational air bearing, adaptor plate, E-block and actuator arm/head assembly. Rotation of the E-block, and hence actuator arm/head assembly, is directly controlled by the movement of the rotational air bearing, which is rotated by a motor. The air bearing provides for reduced friction and, as a result, decreased eccentricity of the head as compared to related art configurations. A translational air bearing laterally positions the actuator assembly within the multi-disc servo-track writer for servo-track recording.

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